



Sheep anti Human Neutrophil Elastase polyclonal antibody [HRP] (CABT-L509)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target Neutrophil Elastase Immunogen Neutrophil elastase (active-site blocked) prepared from human sputum. Isotype IgG Source/Host Sheep Species Reactivity Human Conjugate HRP Applications IEP, ELISA Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase activity.	Specificity	Prior to conjugation, this antibody was specific for neutrophil elastase as demonstrated by immunoelectrophoresis and ELISA.
Isotype IgG Source/Host Sheep Species Reactivity Human Conjugate HRP Applications IEP, ELISA Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Target	Neutrophil Elastase
Source/Host Sheep Species Reactivity Human Conjugate HRP Applications IEP, ELISA Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Immunogen	Neutrophil elastase (active-site blocked) prepared from human sputum.
Species Reactivity Human Conjugate HRP Applications IEP, ELISA Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Isotype	IgG
Conjugate HRP Applications IEP, ELISA Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Source/Host	Sheep
Applications IEP, ELISA Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Species Reactivity	Human
Format Liquid Size 200 μg Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Conjugate	HRP
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Buffer A buffered stabilizer solution containing 50% (v/v) glycerol. Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Format	Liquid
Preservative None Storage Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Size	200 μg
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frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase	Preservative	None
	Storage	frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use. Avoid exposure to sodium azide as this is an inhibitor of peroxidase

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BACKGROUND

Introduction Modifies the functions of natural killer cells, monocytes and granulocytes. Inhibits C5a-dependent neutrophil enzyme release and chemotaxis.

Keywords ELANE;elastase, neutrophil expressed;GE;NE;HLE;HNE;ELA2;SCN1;PMN-E;neutrophil

ELANE; elastase, neutrophil expressed; GE; NE; HLE; HNE; ELA2; SCN1; PMN-E; neutrophil elastase; elastase-2; medullasin; PMN elastase; leukocyte elastase; elastase 2, neutrophil; human leukocyte elastase; polymorphonuclear elastase; bone marrow serine protease; granulocyte-derived elastase;

GENE INFORMATION

 Entrez Gene ID
 1991

 UniProt ID
 P08246